



SEP 15 2004  
PATENT & TRADEMARK OFFICE  
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/840,192         | 05/06/2004             | Shigenori Fujikawa    | 372106-108             |

CONFIRMATION NO. 7251

25561

JOHN W. RYAN  
C/O DECHERT LLP  
PRINCETON PIKE CORPORATION CENTER  
P.O. BOX 5218  
PRINCETON, NJ 08543-5218

## FORMALITIES LETTER



\*OC000000013204947\*

Date Mailed: 07/12/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

09/16/2004 MAILED1 00000025 040480 10840192

01 FC:1001 770.00 DA  
02 FC:1051 130.00 DA  
03 FC:1053 130.00 DA  
04 FC:1202 36.00 DA

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The application was filed in a language other than English. Applicant is required to provide an English translation of the specification and a statement that the translation is accurate. (See 37 CFR 1.52(d)).
- Applicant must file an English translation of the application, the \$ 130 fee set forth in 37 CFR 1.17(i), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- Because your specification was filed in a language other than English, the Office was unable to determine the number of claims submitted. Additional claim fees may be due once the number of claims can be determined.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:

- The drawing figures contain text that is not in English (including, for example, a flow chart that was originally not in English that has been marked up to include the English text) (see 37 CFR 1.84(p)(2) and 37 CFR 1.52(d)(1)). See Figure(s) Fig. 1 - 8.

**SUMMARY OF FEES DUE:**


Total additional fee(s) required for this application is **\$1030** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- **\$130** for English translation surcharge required.

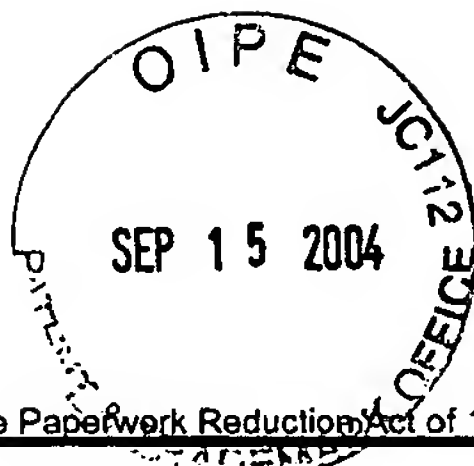
Replies should be mailed to:   Mail Stop Missing Parts  
  Commissioner for Patents  
  P.O. Box 1450  
  Alexandria VA 22313-1450

---

*A copy of this notice **MUST** be returned with the reply.*

  
\_\_\_\_\_  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (10-03)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 1,066.00

## Complete if Known

|                      |             |
|----------------------|-------------|
| Application Number   | 10/840,192  |
| Filing Date          | May 6, 2004 |
| First Named Inventor | Fujikawa    |
| Examiner Name        | Unknown     |
| Art Unit             | Unknown     |
| Attorney Docket No.  | 372106-108  |

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 04-0480  
Deposit Account Name:

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid     |
|--------------|----------|--------------|----------|------------------------|--------------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |              |
| 1001         | 770      | 2001         | 385      | Utility filing fee     | 770.00       |
| 1002         | 340      | 2002         | 170      | Design filing fee      |              |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |              |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |              |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |              |
| SUBTOTAL (1) |          |              |          |                        | (\$ ) 770.00 |

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: 22 - 20\*\* = 2 X 18 = 36  
Independent Claims: 2 - 3\*\* = 0 X =  
Multiple Dependent: X =

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid    |
|--------------|----------|--------------|----------|--|-------------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |             |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |             |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                          |             |
| 1203         | 290      | 2203         | 145      | Multiple dependent claim, if not paid                      |             |
| 1204         | 86       | 2204         | 43       | ** Reissue independent claims over original patent         |             |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |             |
| SUBTOTAL (2) |          |              |          |  | (\$ ) 36.00 |

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing fee or oath  | 130.00   |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     | 130.00   |
| 1053         | 130      | 1053         | 130      | Non-English specification  |          |
| 1812         | 2,520    | 1812         | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804         | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252         | 420      | 2252         | 210      | Extension for reply within second month                                    |          |
| 1253         | 950      | 2253         | 475      | Extension for reply within third month                                     |          |
| 1254         | 1,480    | 2254         | 740      | Extension for reply within fourth month                                    |          |
| 1255         | 2,010    | 2255         | 1,005    | Extension for reply within fifth month                                     |          |
| 1401         | 330      | 2401         | 165      | Notice of Appeal   |          |
| 1402         | 330      | 2402         | 165      | Filing a brief in support of an appeal                                     |          |
| 1403         | 290      | 2403         | 145      | Request for oral hearing   |          |
| 1451         | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453         | 1,330    | 2453         | 665      | Petition to revive - unintentional   |          |
| 1501         | 1,330    | 2501         | 665      | Utility issue fee (or reissue)   |          |
| 1502         | 480      | 2502         | 240      | Design issue fee   |          |
| 1503         | 640      | 2503         | 320      | Plant issue fee  |          |
| 1460         | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807         | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021         | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 770      | 2809         | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810         | 770      | 2810         | 385      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801         | 770      | 2801         | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 260.00

## SUBMITTED BY

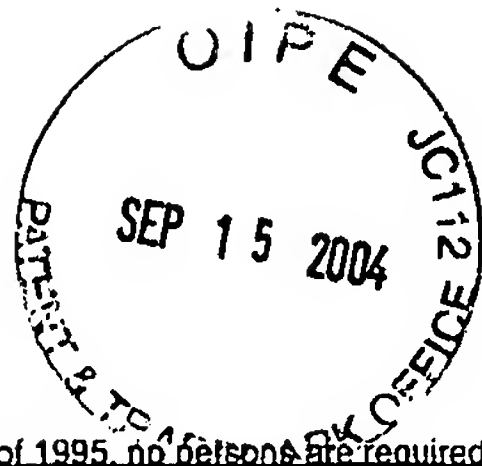
(Complete if applicable)

|                   |                     |                                   |                |           |              |
|-------------------|---------------------|-----------------------------------|----------------|-----------|--------------|
| Name (Print/Type) | John W. Ryan        | Registration No. (Attorney/Agent) | 33,771         | Telephone | 609-219-6184 |
| Signature         | <i>John W. Ryan</i> | Date                              | Sept. 13, 2004 |           |              |

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

|   |                        |             |
|---|------------------------|-------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/840,192  |
|   | Filing Date            | May 6, 2004 |
|   | First Named Inventor   | Fujikawa    |
|   | Art Unit               | Unknown     |
|   | Examiner Name          | Unknown     |
| Total Number of Pages in This Submission  | Attorney Docket Number | 372106-108  |

| ENCLOSURES (Check all that apply)   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance communication to Technology Center (TC)        |
| <input type="checkbox"/> Fee Attached   | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                                      | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                                      | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                                    | <input type="checkbox"/> Request for Refund   | - English Translation   |
| <input type="checkbox"/> Information Disclosure Statement                               | <input type="checkbox"/> CD, Number of CD(s) _____                                      | - Replacement Drawings  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                         | Remarks   | - Acknowledgement Postcard  |
| <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application    |   |   |
| <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                               |
|--|-------------------------------|
| Firm or Individual name                    | John W. Ryan, Reg. No. 33,771 |
| Signature                                  | <i>John W. Ryan</i>           |
| Date                                       | September 13, 2004            |

| CERTIFICATE OF TRANSMISSION/MAILING   |                         |      |                |
|---|-------------------------|------|----------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                         |      |                |
| Typed or printed name   | Sally B. Hanasen        |      |                |
| Signature   | <i>Sally B. Hanasen</i> | Date | Sept. 13, 2004 |

This collection of information is required by 37 CFR 1.55. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No. 372106-108



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Fujikawa : Group Art Unit: Unknown  
Serial No.: 10/840,192 : Examiner: Unknown  
Filed: May 6, 2004  
For: Preparation Method for  
Nano Material . . . . .

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF  
NON-PROVISIONAL APPLICATION**

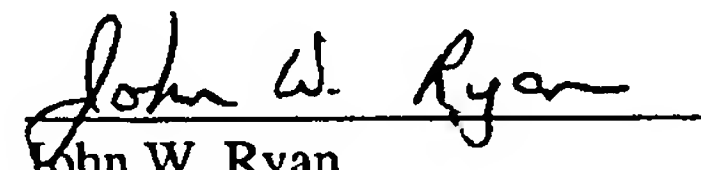
Sir:

This in response to the communication from the Patent Office entitled "Notice to File Missing Parts of Non-Provisional Application", mailed July 12, 2004. A duplicate copy of the Notice to File Missing Parts is enclosed.

The notice indicates that the basic filing fee and the oath or declaration is missing. Also required is the English translation and replacement drawings. The executed Declaration and Power of Attorney, the English translation and replacement drawings are enclosed herewith. Please charge the required fees of \$1,066.00 (as itemized on the attached fee transmittal) to Deposit Account No. 04-0480. Any overpayment or refund should also be credited to Deposit Account No. 04-0480.

Respectfully submitted,

Date: September 13, 2004

  
John W. Ryan  
Registration No. 33,771  
Attorney for Applicants

DECHERT LLP  
P.O. Box 5218  
Princeton, NJ 08543  
Telephone: 609-219-6184  
Fax: 609-620-3259